Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109624.D
Acq On : 5 Oct 2018 22:28
Operator : JU/SJ
Sample : J5263-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID14-COMP-100318

Quant Time: Oct 06 05:57:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94255	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	371204	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	161786	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	252079	20.00	ng		0.00
75) Chrysene-d12	13.83	240	210424	20.00	ng		-0.01
86) Perylene-d12	15.24	264	206022	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	443560	77.51	ng		0.00
7) Phenol-d6	6.35	99	620804	85.02	ng		0.00
23) Nitrobenzene-d5	7.26	82	398086	63.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	125403	78.63	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	650894	60.68	ng		-0.02
78) Terphenyl-d14	12.79	244	459069	53.54	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.36	94	33901	4.100	ng	#	74
19) n-Nitroso-di-n-propylamine	7.26	70	52545	10.982	ng	#	77
25) Isophorone	7.26	82	381232	33.667	ng	#	64
49) Dimethylphthalate	9.45	163	80172	6.813	ng	#	99
56) 2,4-Dinitrotoluene	9.73	165	20616	6.991	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.52	198	156	6.653	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	7287	2.603	ng	#	1
70) Phenanthrene	11.23	178	87635	6.963	ng		97
71) Anthracene	11.29	178	38463	3.013	ng		99
74) Fluoranthene	12.42	202	169034	12.567	ng		95
77) Pyrene	12.64	202	146073	9.686	ng		98
80) Benzo(a)anthracene	13.86	228	90962	7.177	ng		95
82) Chrysene	13.86	228	90962	7.241	ng		96
85) Indeno(1,2,3-cd)pyrene	16.58	276	41666	4.092	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	171528	15.152	ng		97
88) Benzo(k)fluoranthene	14.84	252	171528	15.967	ng		97
89) Benzo(a)pyrene	15.17	252	93343	9.150	ng		96
91) Benzo(g,h,i)perylene	16.99	276	37044	4.504	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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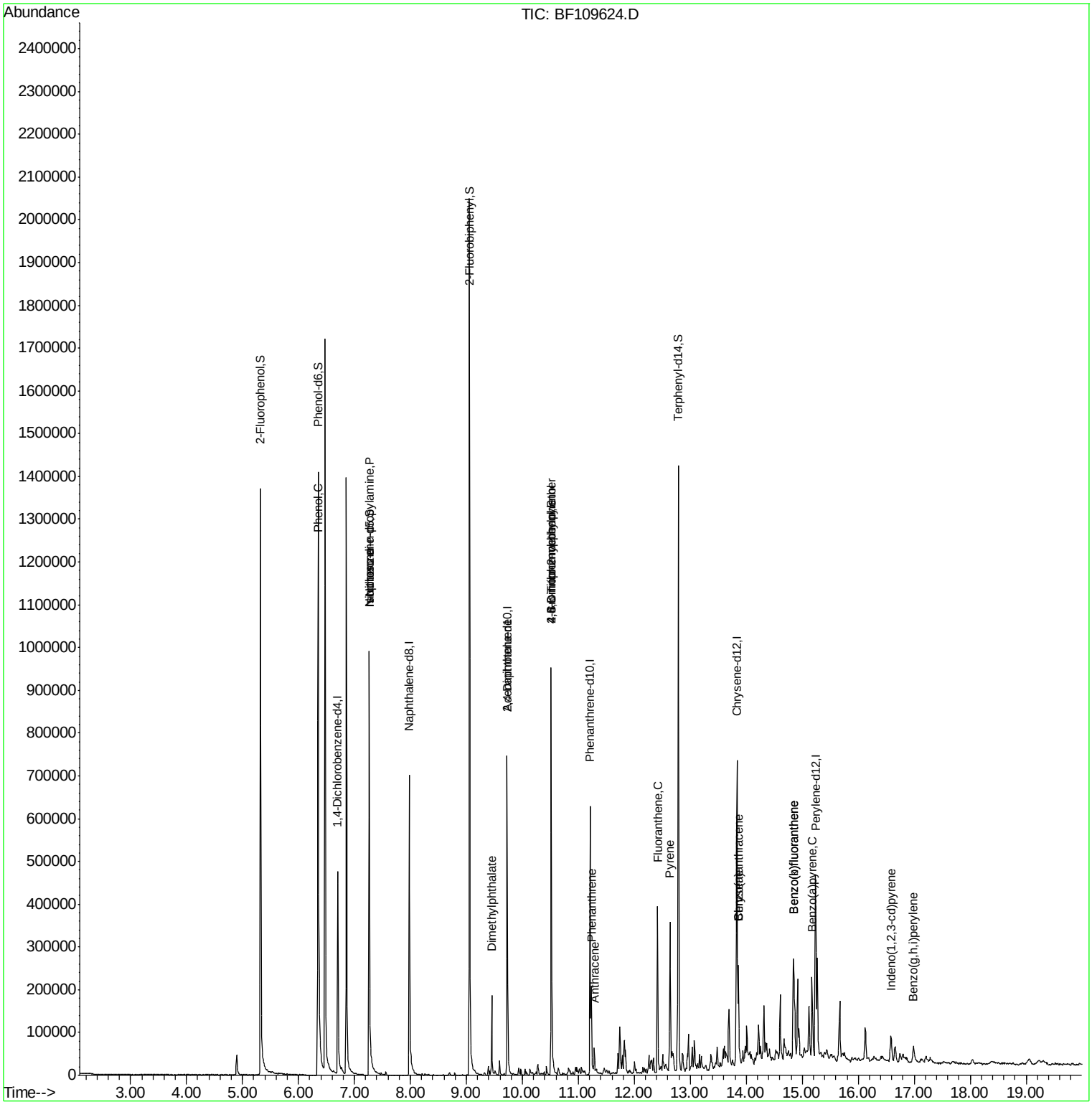
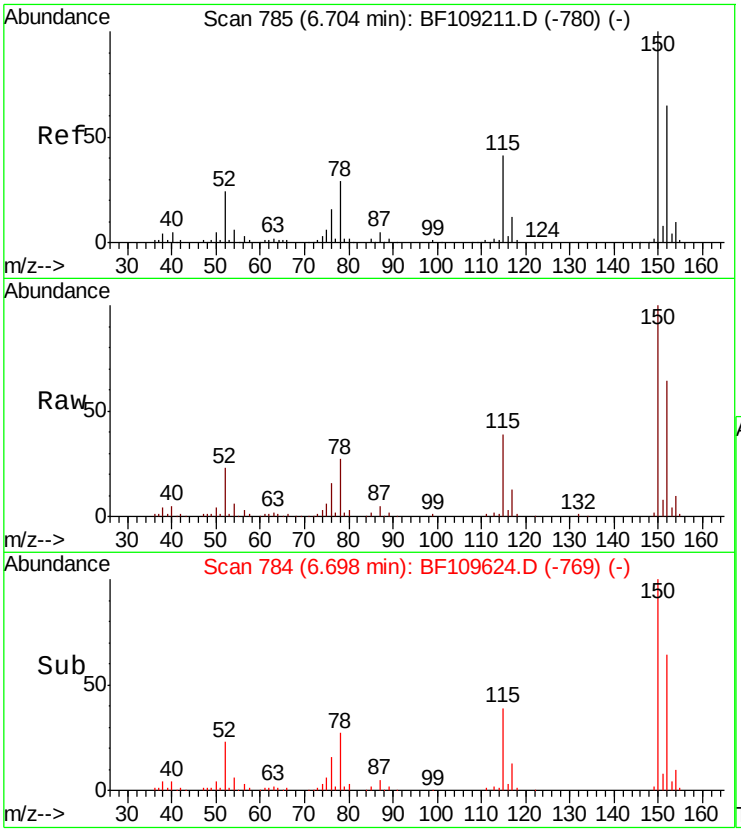


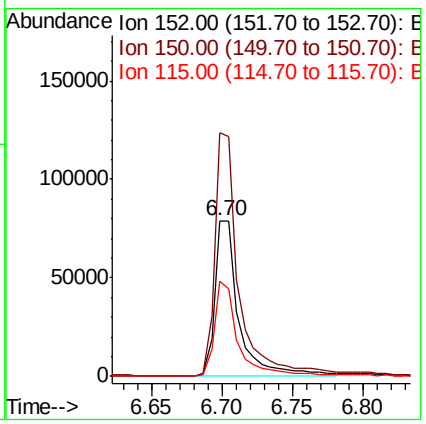


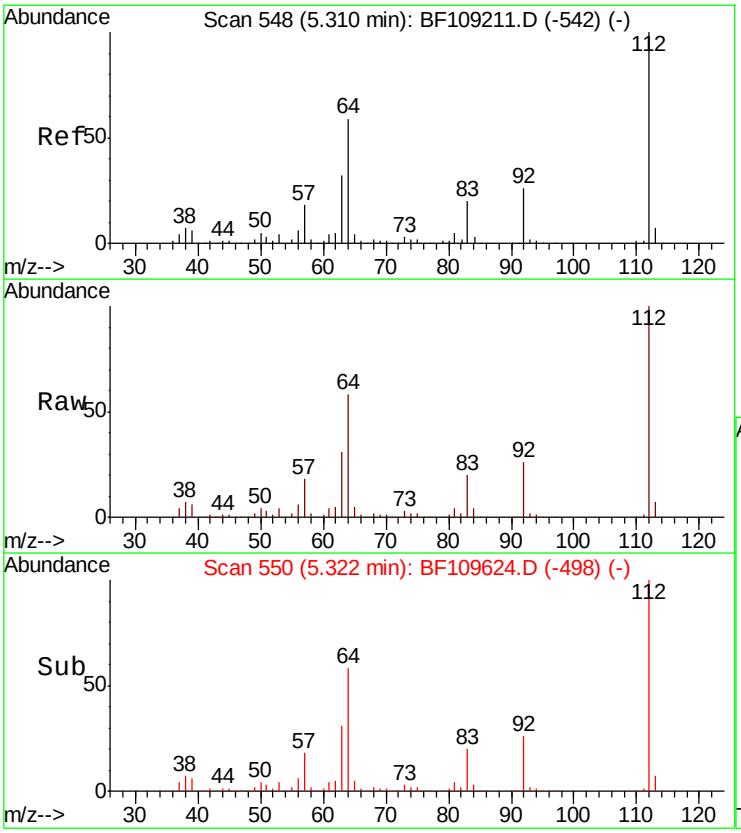
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:152 Resp: 94255

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.4	50.1	75.1

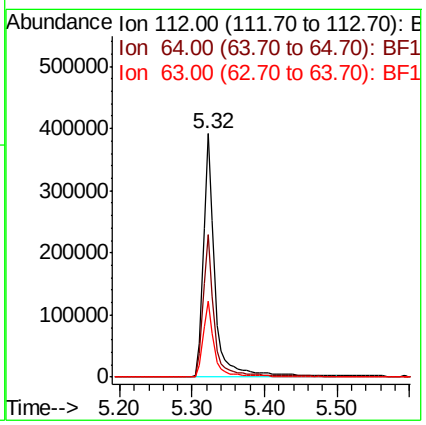


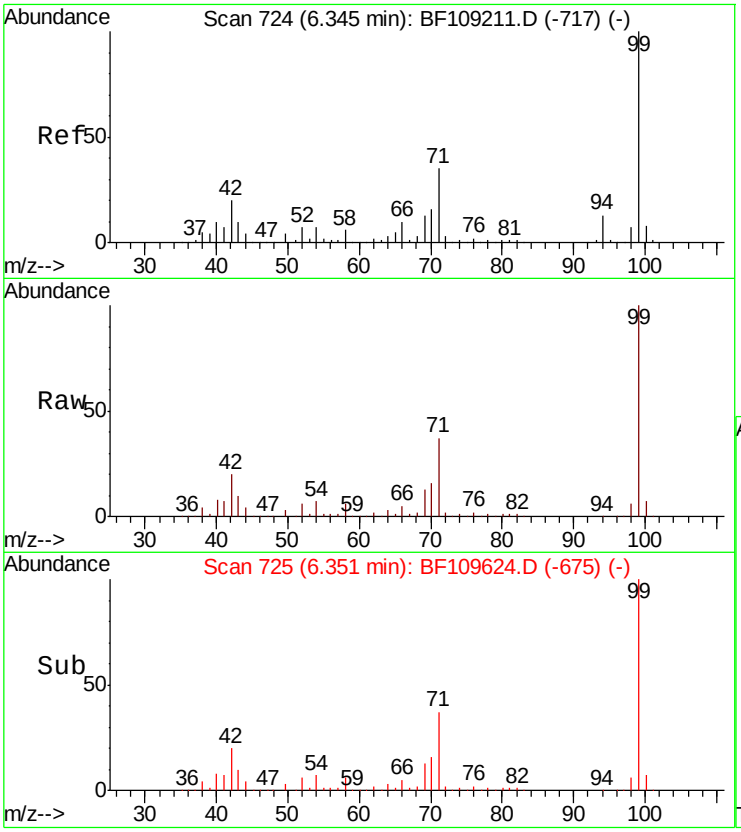


#5
2-Fluorophenol
Concen: 77.511 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:112 Resp: 443560

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	31.1	23.7	35.5



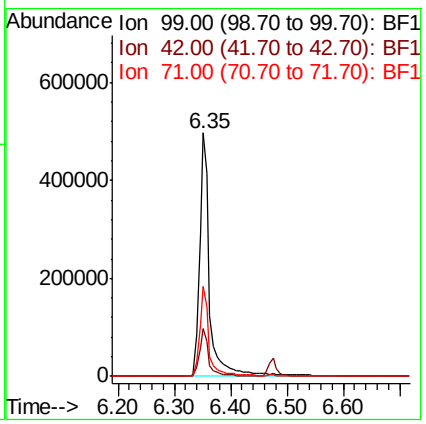


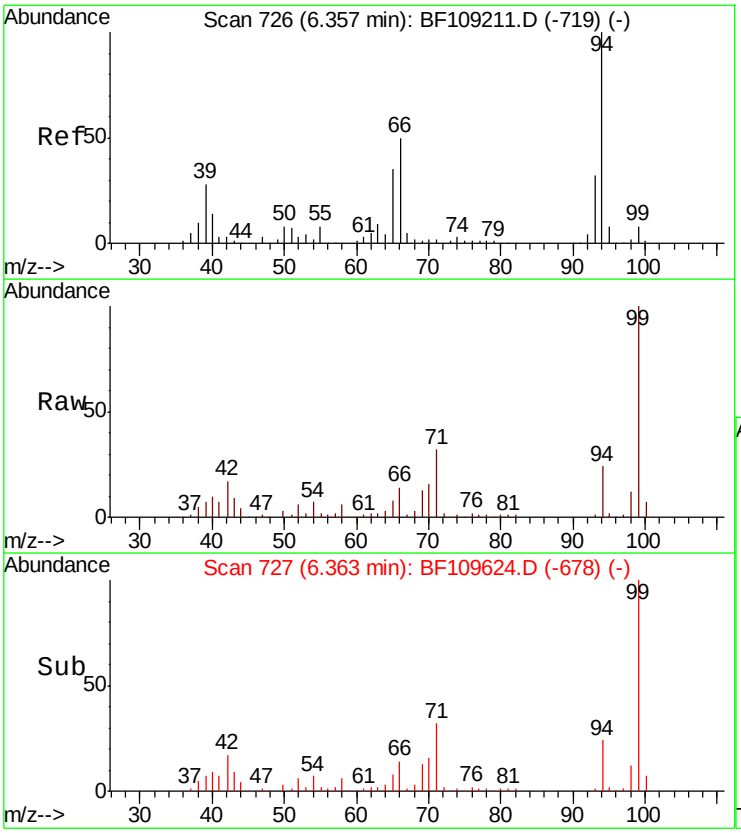
#7
Phenol-d6
Concen: 85.016 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion: 99 Resp: 620804

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	36.8	25.4	38.0

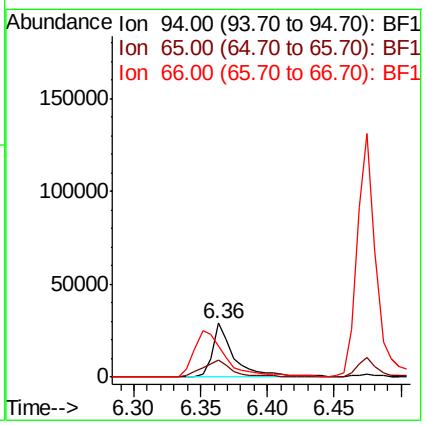


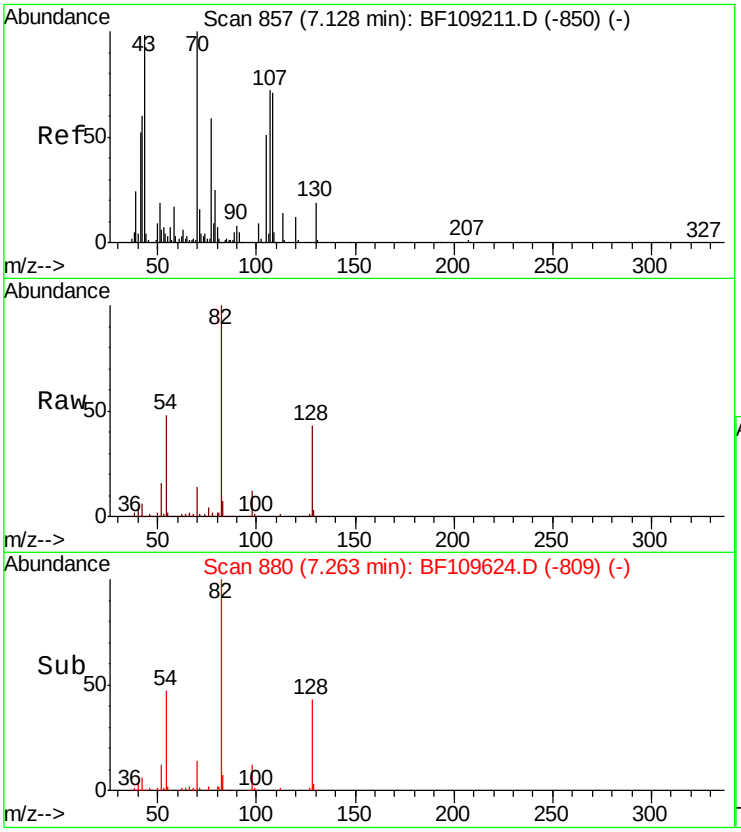


#10
Phenol
Concen: 4.100 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion: 94 Resp: 33901

Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	58.7	16.2	56.2#



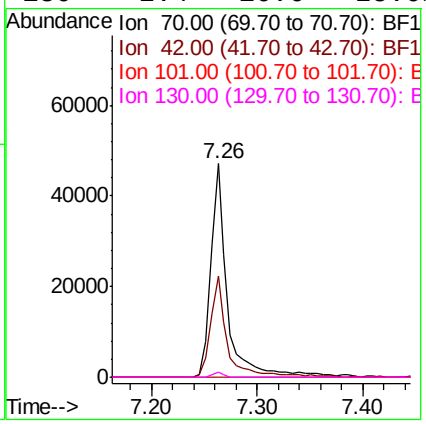


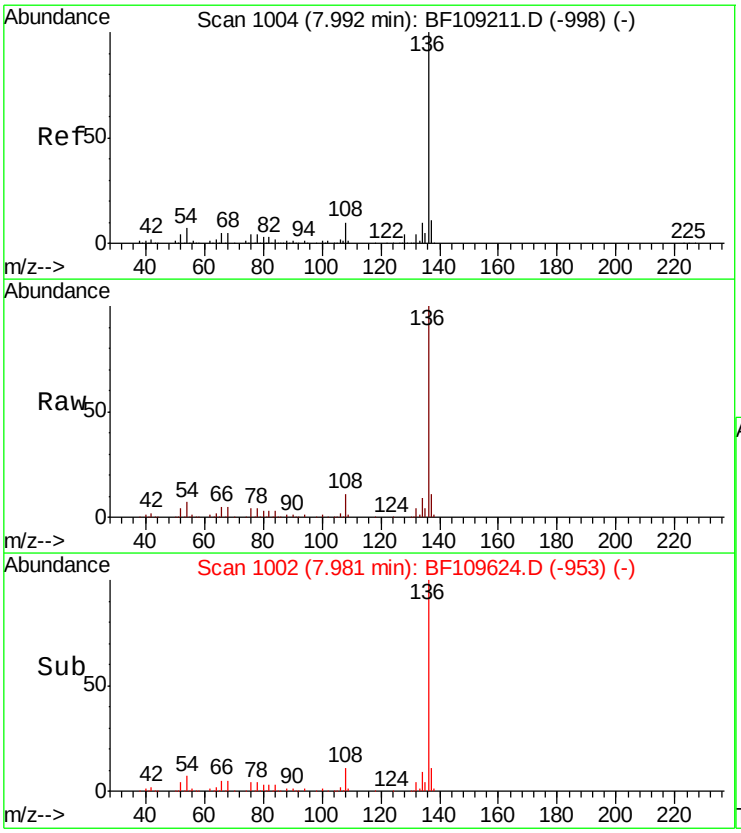
#19
n-Nitroso-di-n-propylamine
Concen: 10.982 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion: 70 Resp: 52545

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

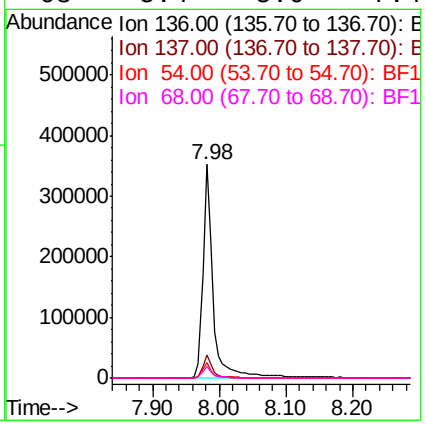


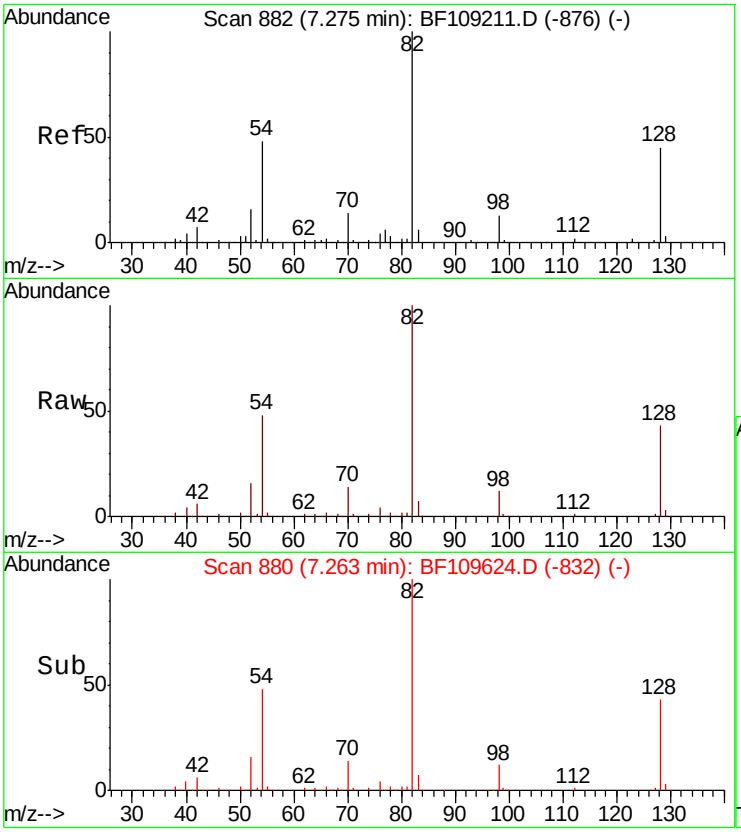


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:136 Resp: 371204

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.9	6.6	9.8
68	5.4	5.0	7.4



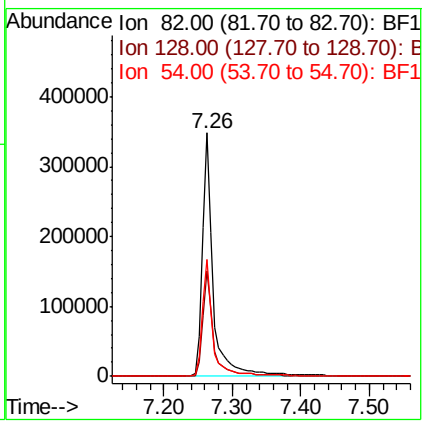


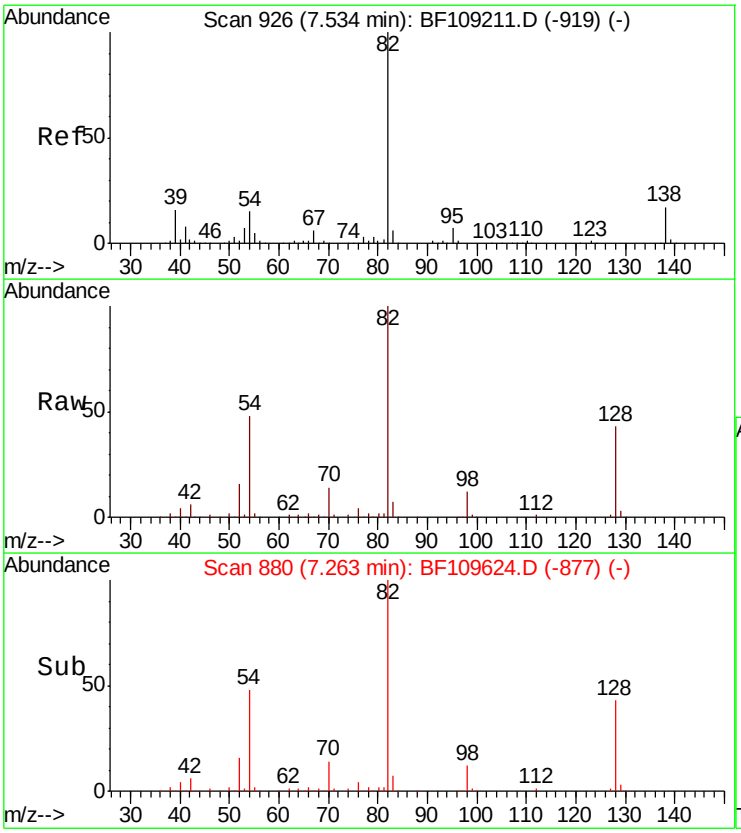
#23
Nitrobenzene-d5
Concen: 63.306 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion: 82 Resp: 398086

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	47.9	41.4	62.2

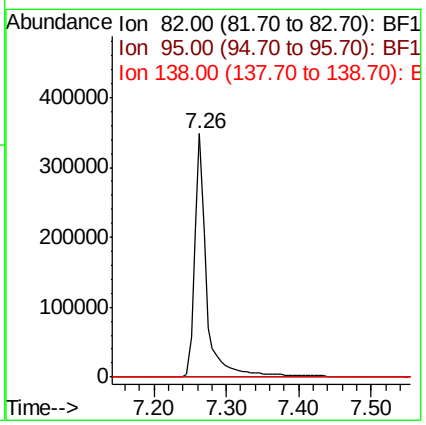


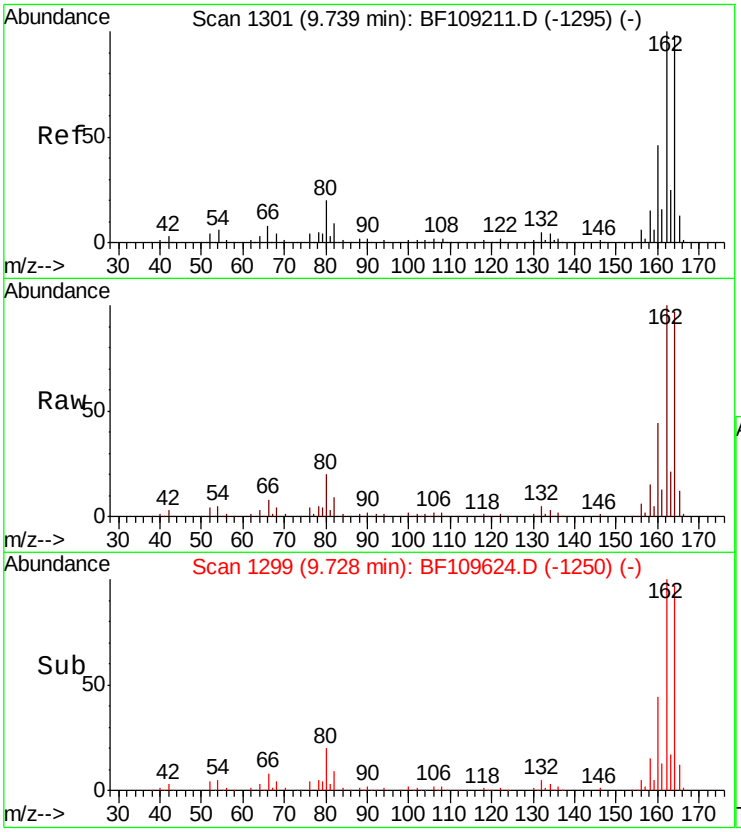


#25
Isophorone
Concen: 33.667 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion: 82 Resp: 381232

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



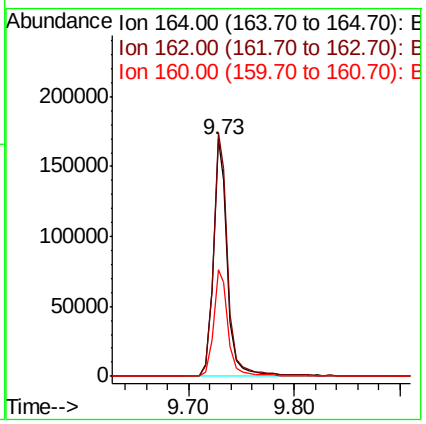


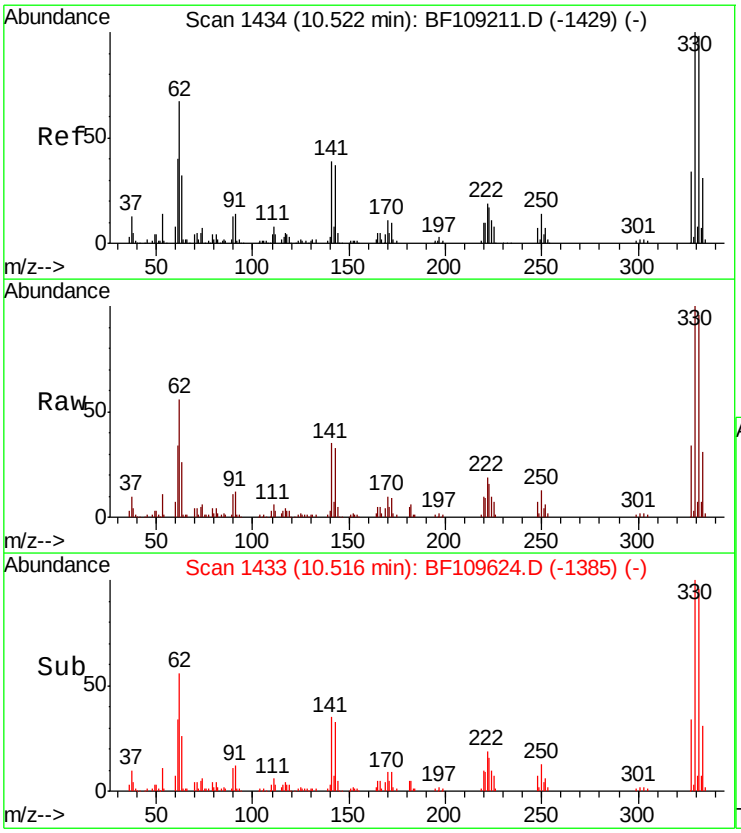
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:164 Resp: 161786

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.1	38.3	57.5

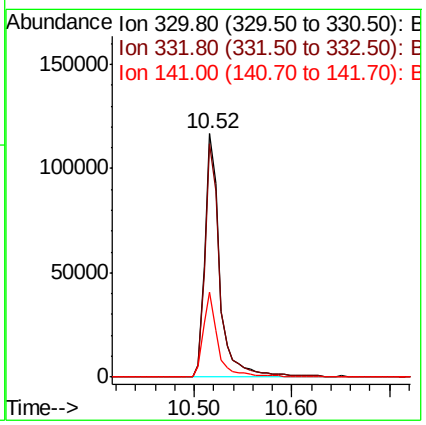


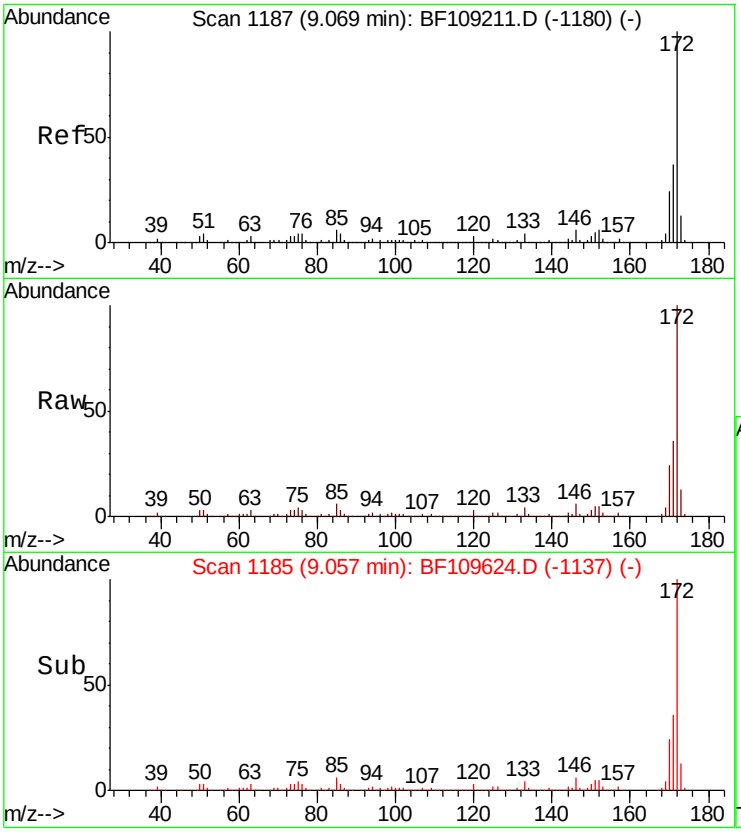


#41
2,4,6-Tribromophenol
Concen: 78.629 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:330 Resp: 125403

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.5	29.9	44.9



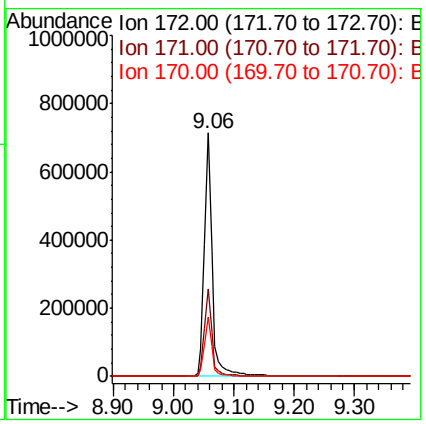


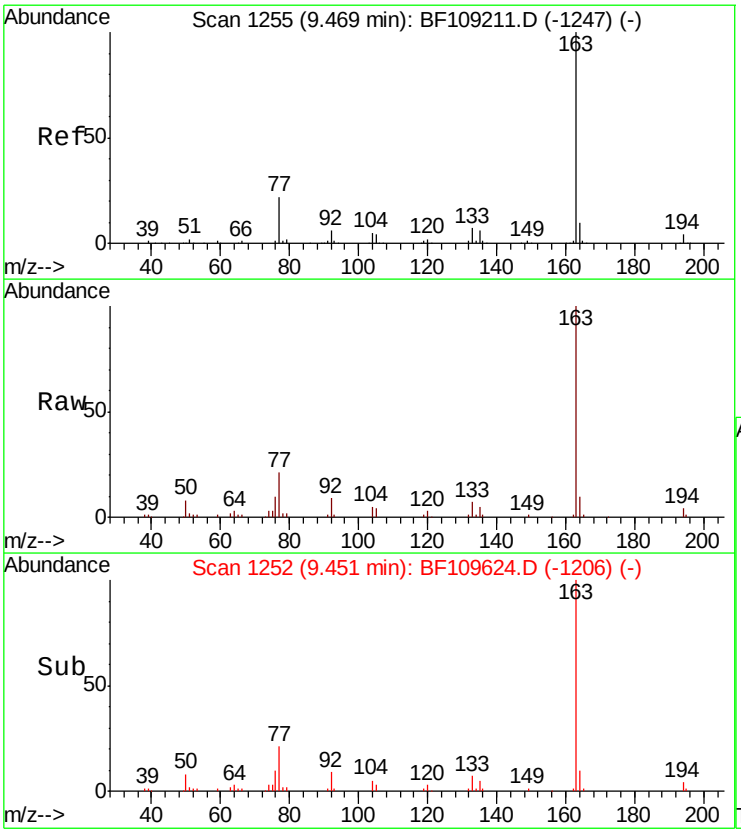
#44
2-Fluorobiphenyl
Concen: 60.677 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:172 Resp: 650894

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4

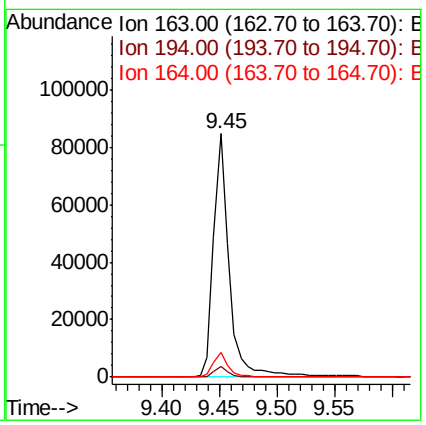


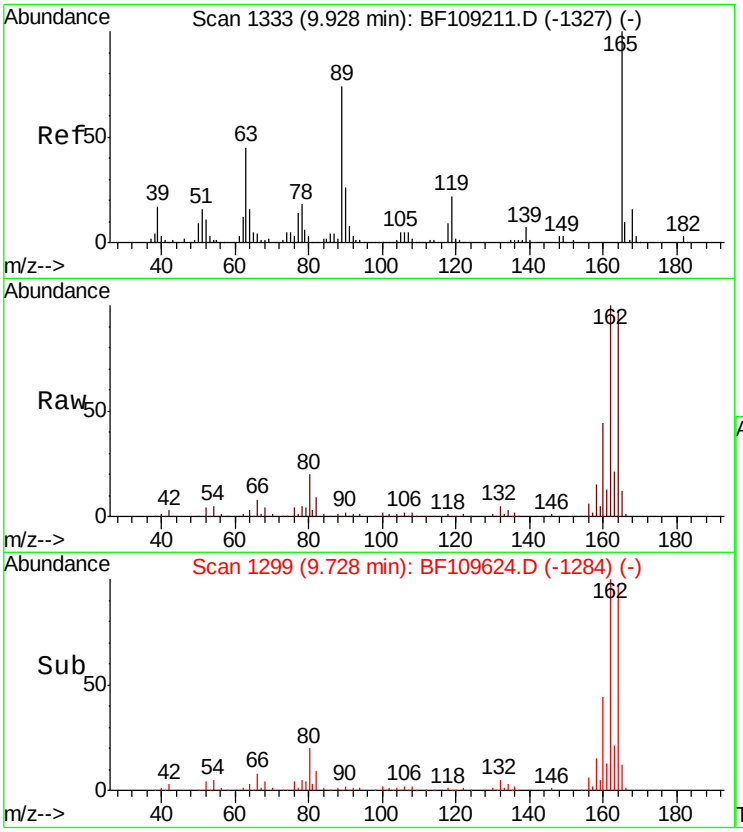


#49
Dimethylphthalate
Concen: 6.813 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:163 Resp: 80172

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.2	8.2	12.2



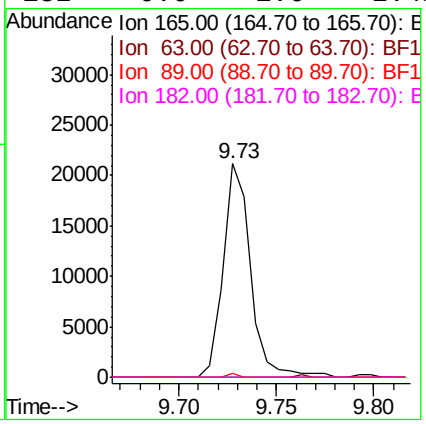


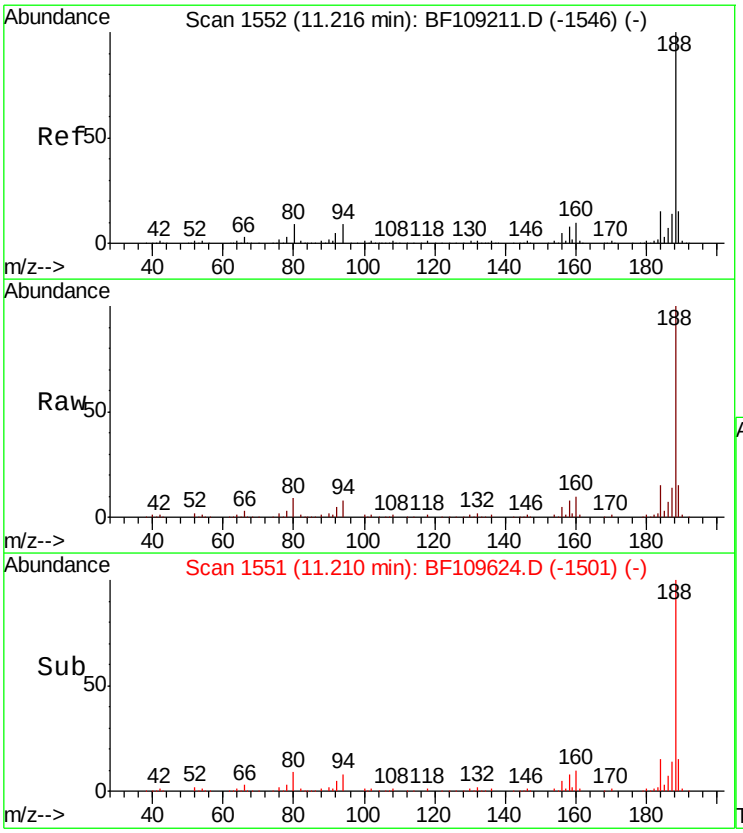
#56
2,4-Dinitrotoluene
Concen: 6.991 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:165 Resp: 20616

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

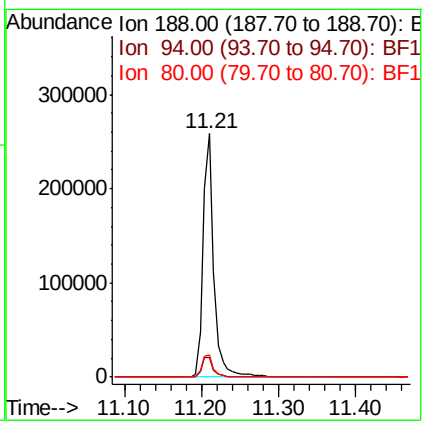


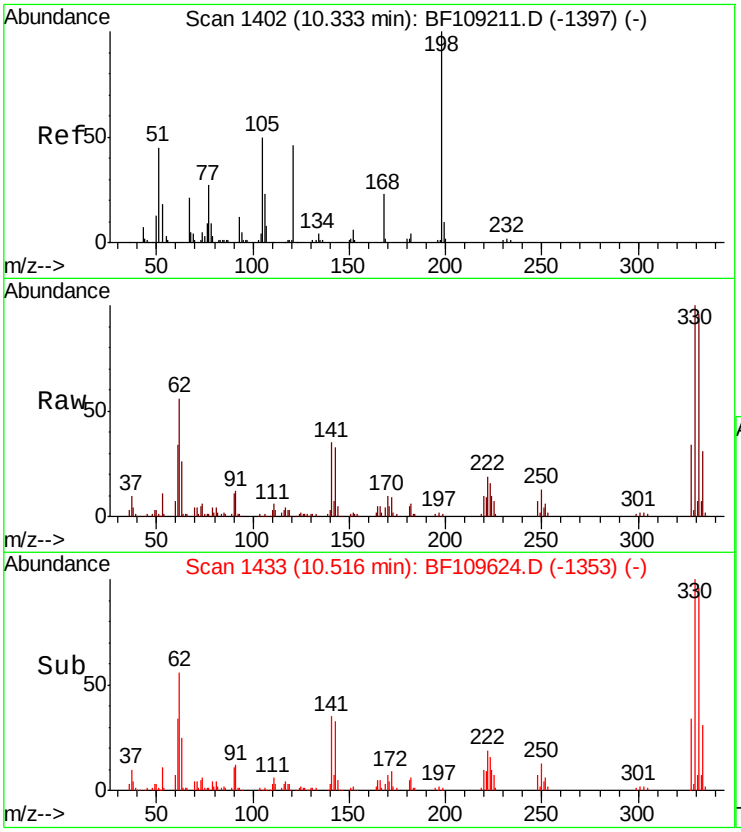


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:188 Resp: 252079

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#



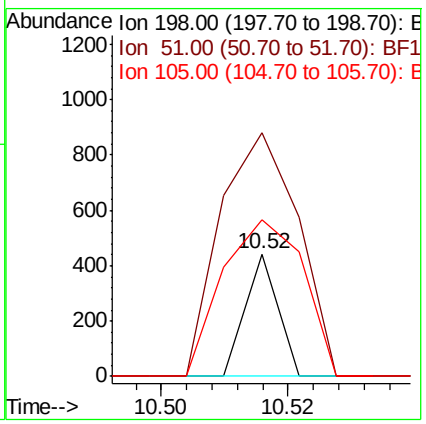


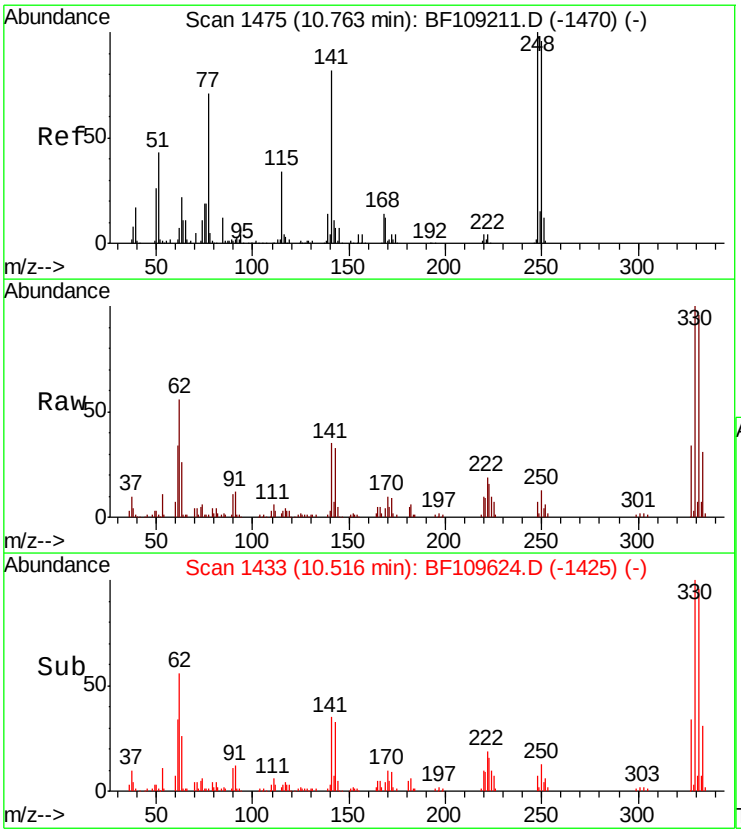
#64
4,6-Dinitro-2-methylphenol
Concen: 6.653 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:198 Resp: 156

Ion	Ratio	Lower	Upper
198	100		
51	198.6	37.7	77.7#
105	127.8	36.3	76.3#

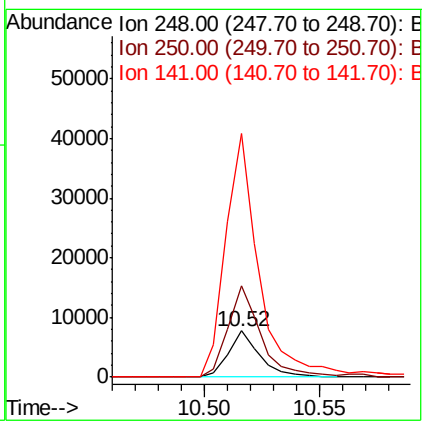


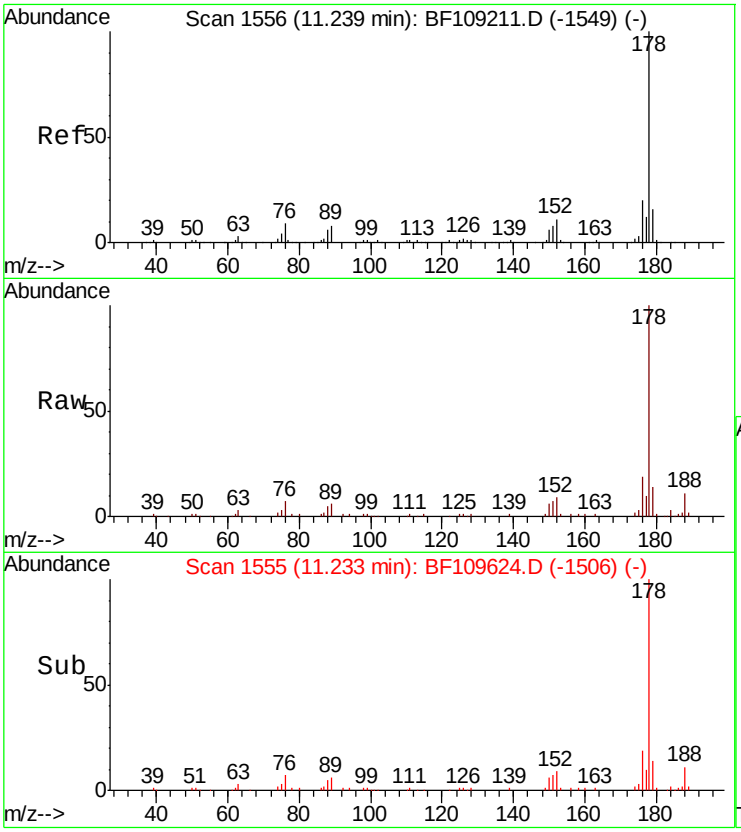


#66
4-Bromophenyl-phenylether
Concen: 2.603 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:248 Resp: 7287

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	525.8	74.4	111.6#



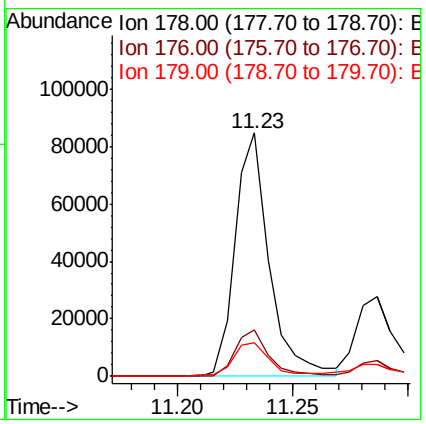


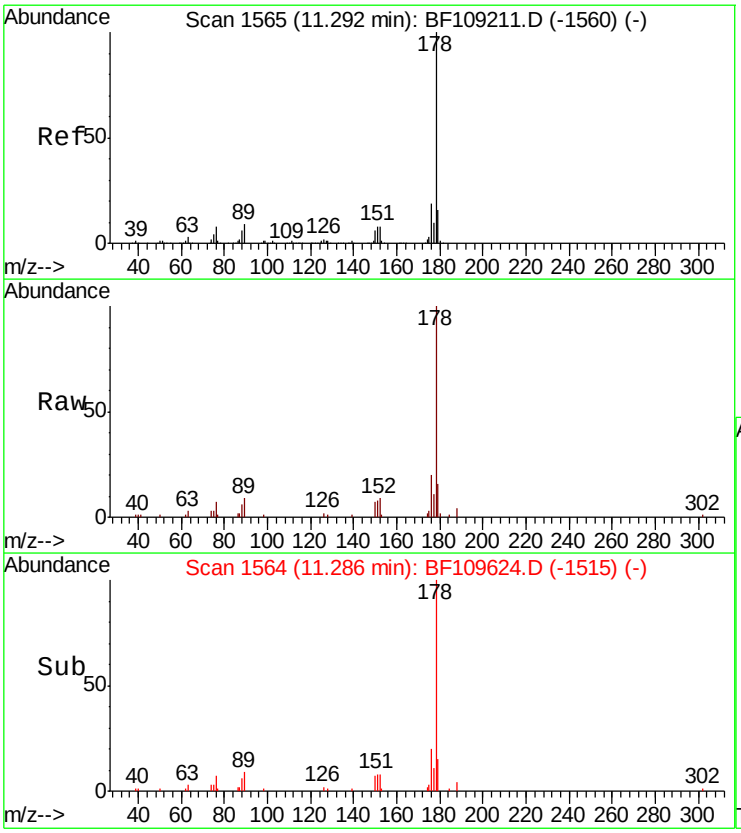
#70
Phenanthrene
Concen: 6.963 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:178 Resp: 87635

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	13.7	13.0	19.6

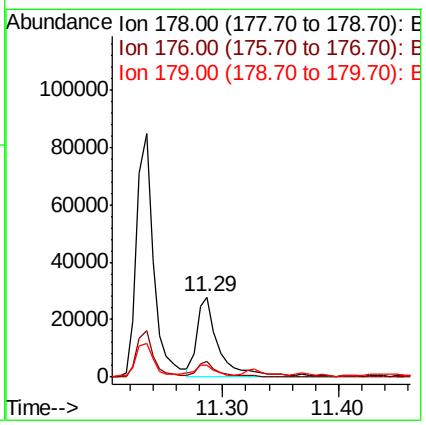


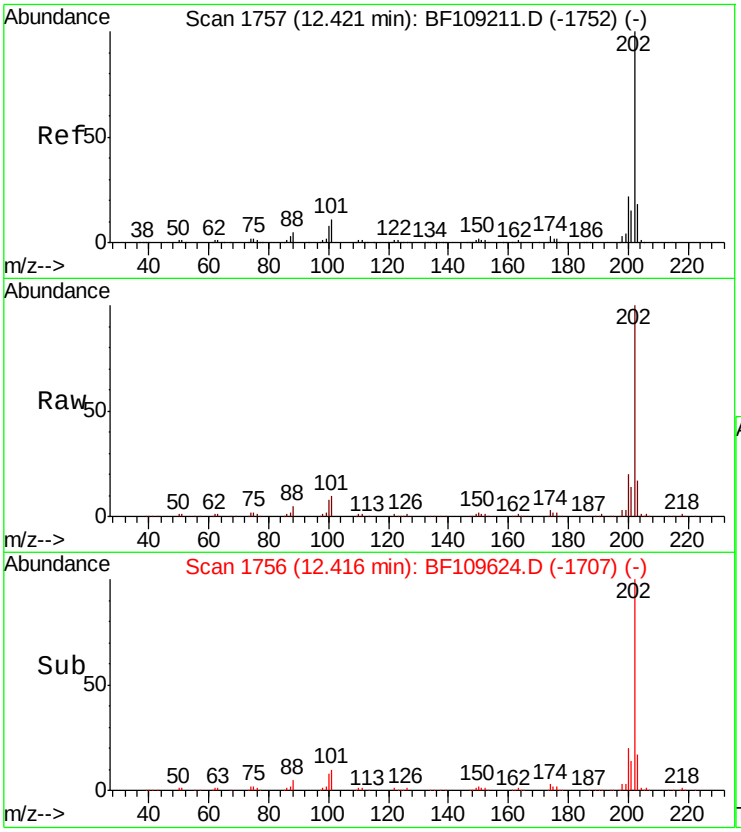


#71
Anthracene
Concen: 3.013 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:178 Resp: 38463

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.6	12.6	19.0



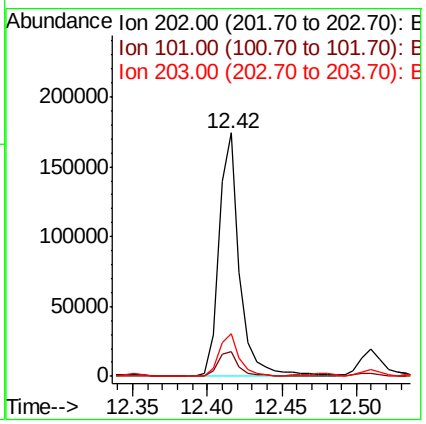


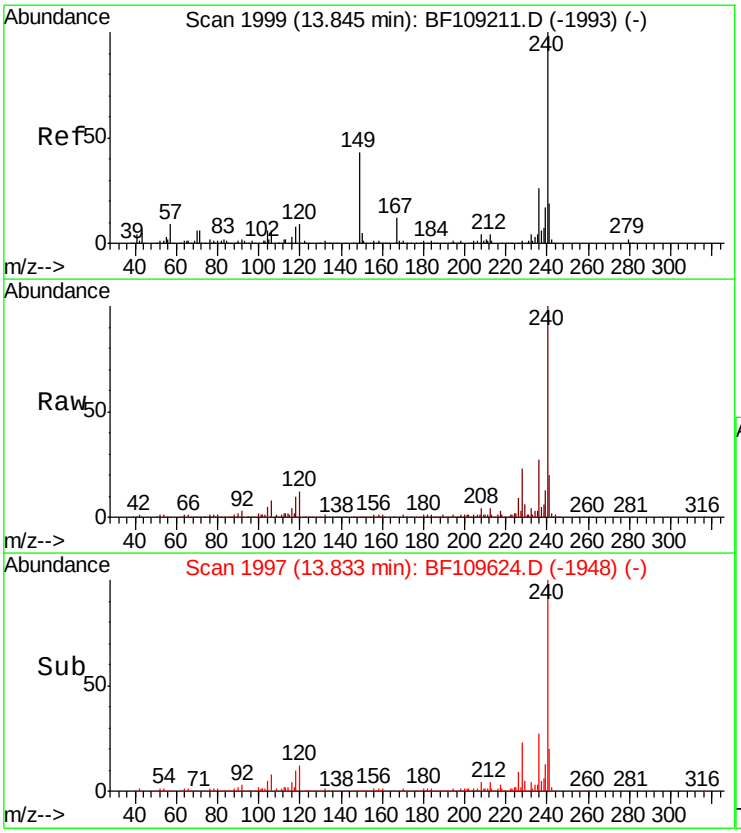
#74
Fluoranthene
Concen: 12.567 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:202 Resp: 169034

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.4	0.0	38.1

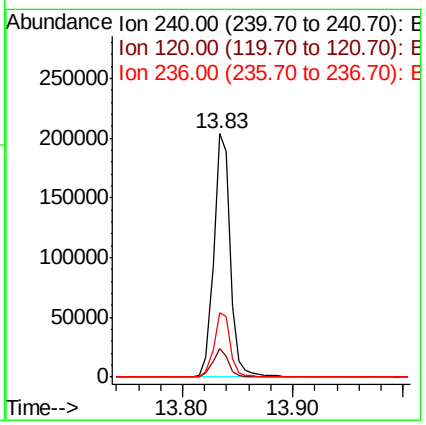


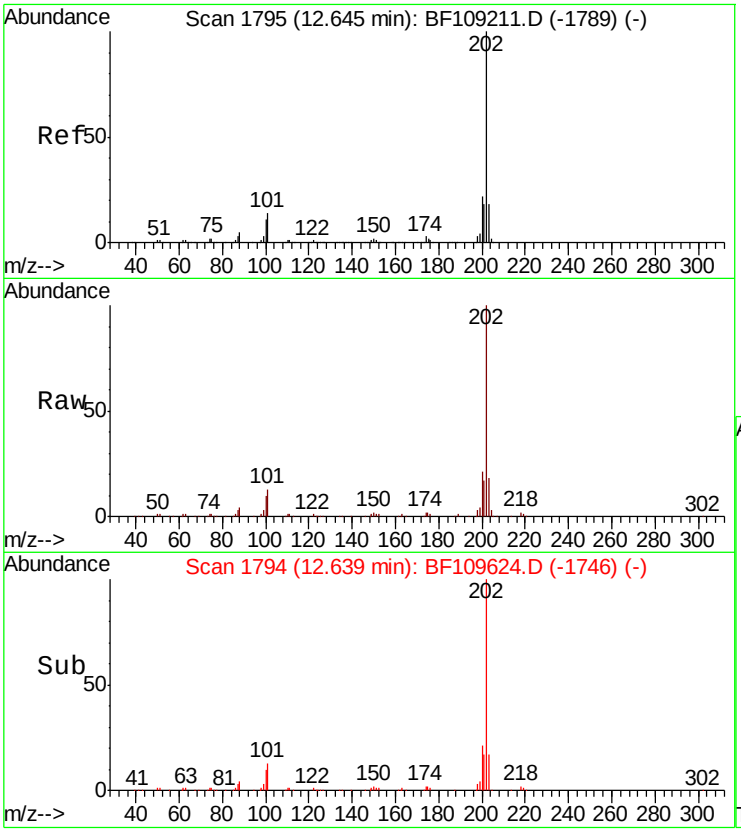


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:240 Resp: 210424

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.5	20.7	31.1



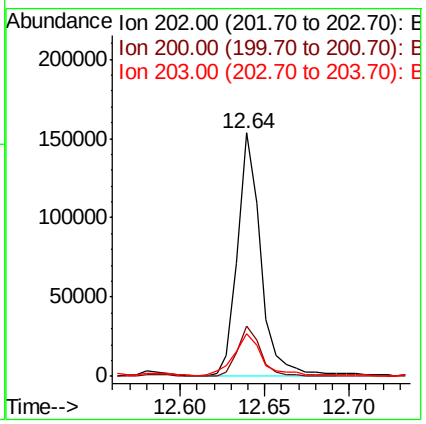


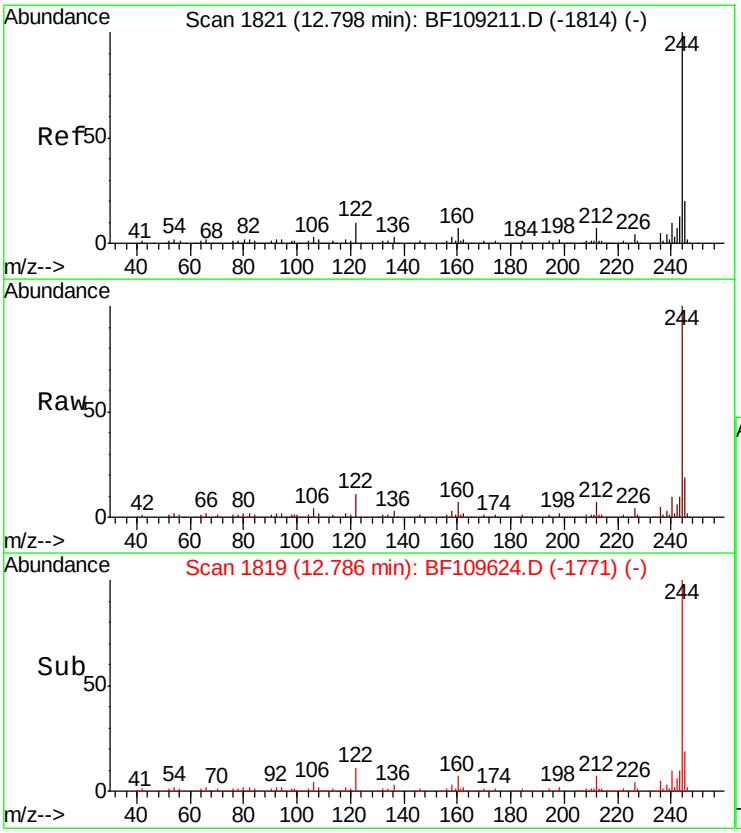
#77
Pyrene
Concen: 9.686 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:202 Resp: 146073

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.5	14.3	21.5

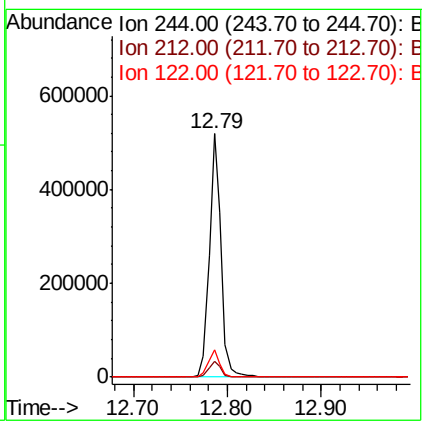


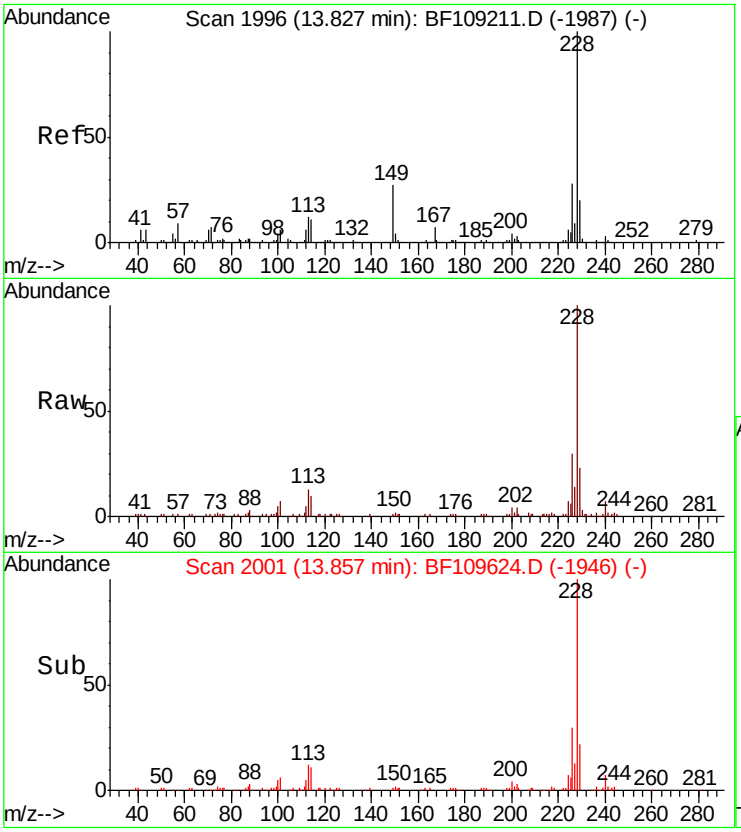


#78
Terphenyl-d14
Concen: 53.541 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:244 Resp: 459069

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4



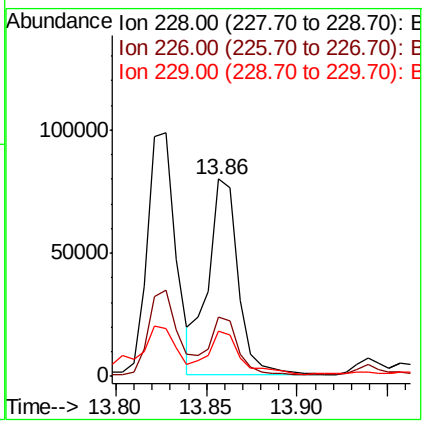


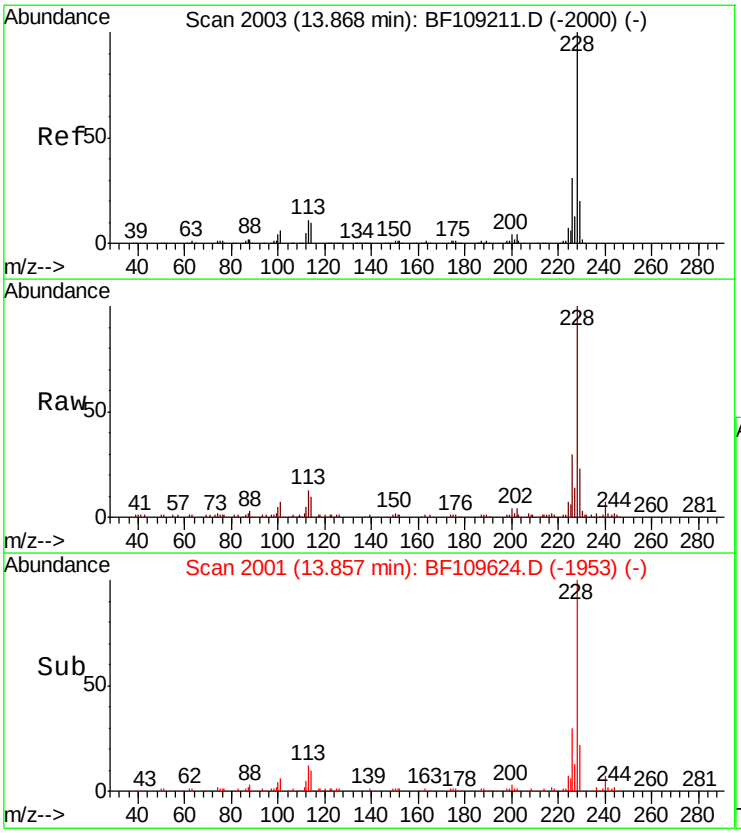
#80
Benzo(a)anthracene
Concen: 7.177 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:228 Resp: 90962

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	23.1	15.8	23.6

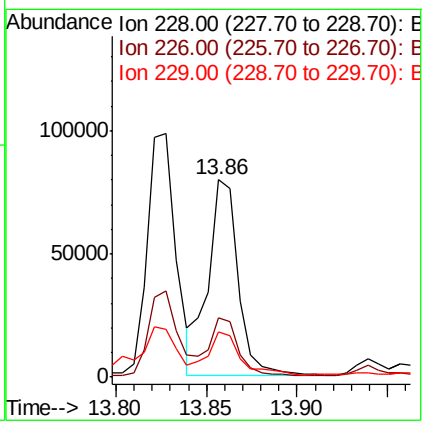


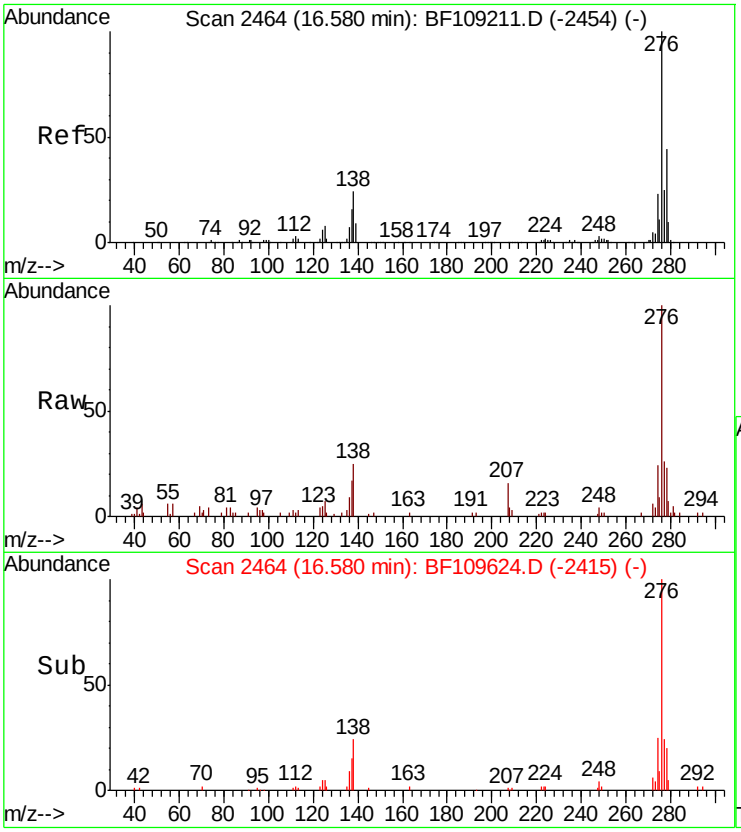


#82
Chrysene
Concen: 7.241 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:228 Resp: 90962

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.1	16.2	24.4



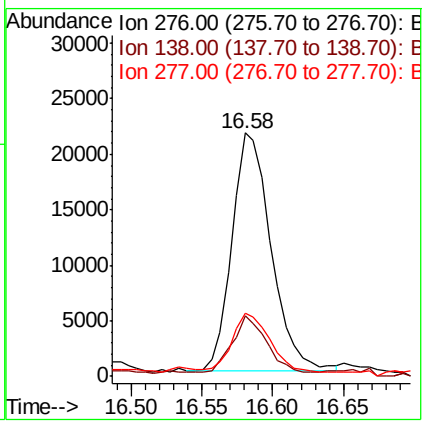


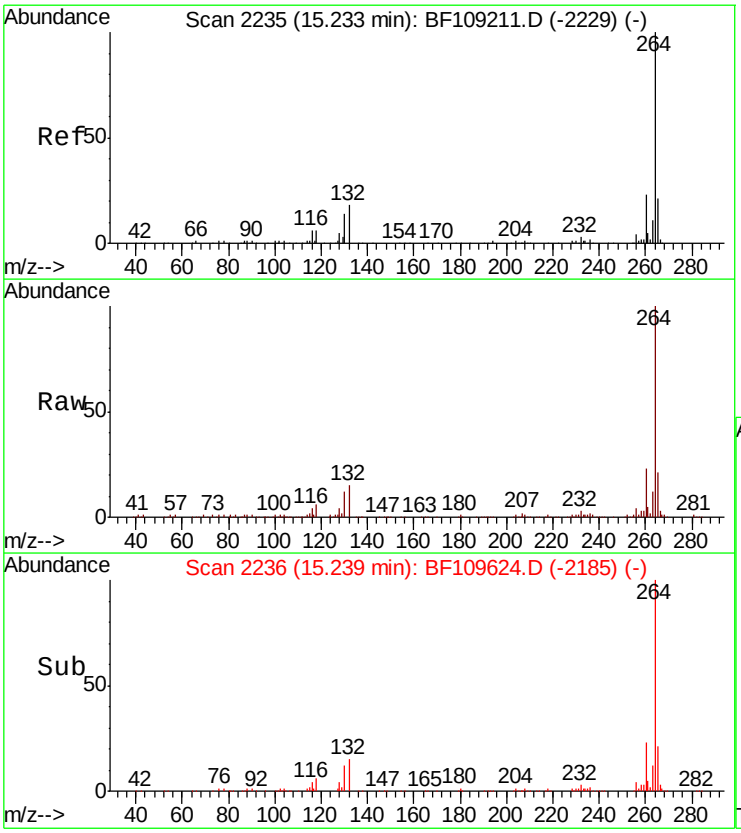
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.092 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:276 Resp: 41666

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	24.9	20.1	30.1

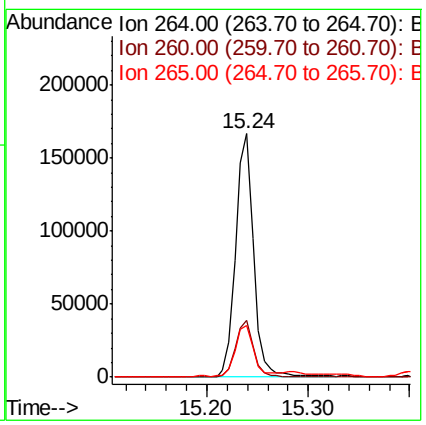


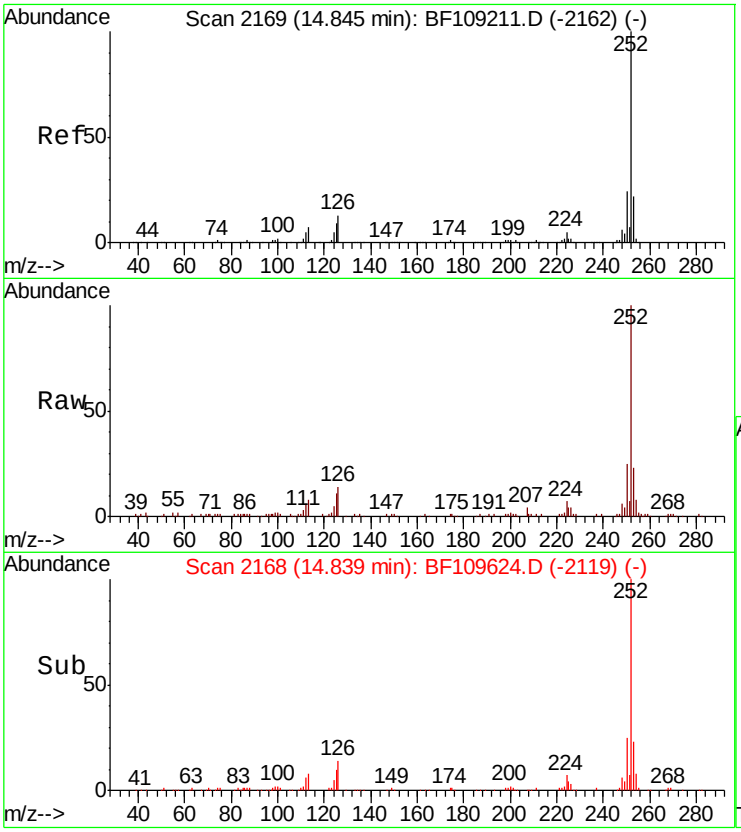


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:264 Resp: 206022

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3



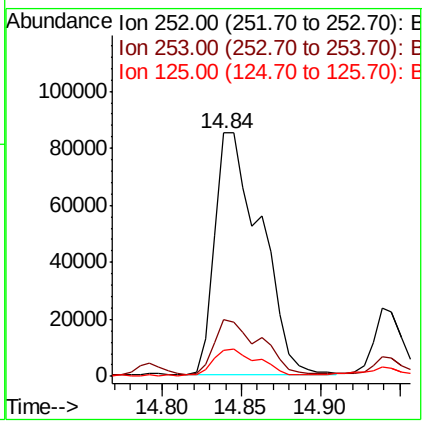


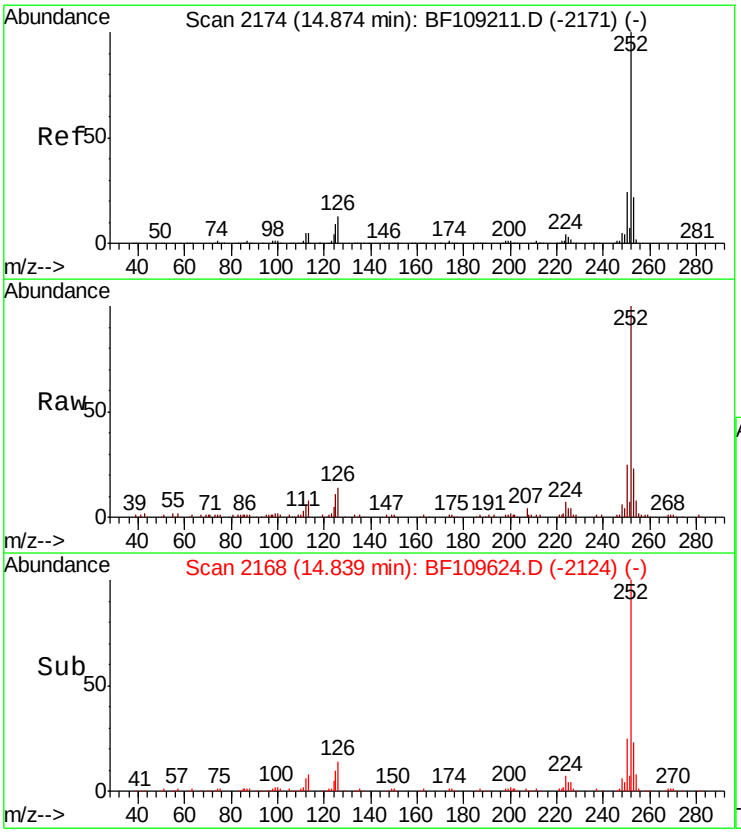
#87
Benzo(b)fluoranthene
Concen: 15.152 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:252 Resp: 171528

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.7	9.0	13.6

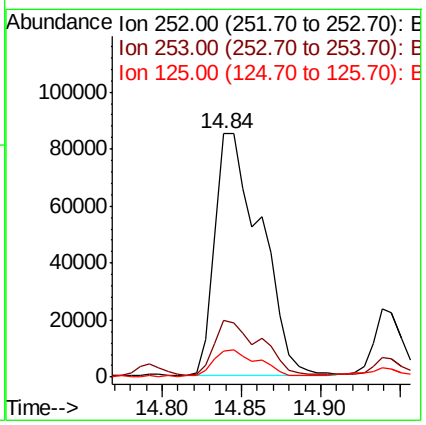


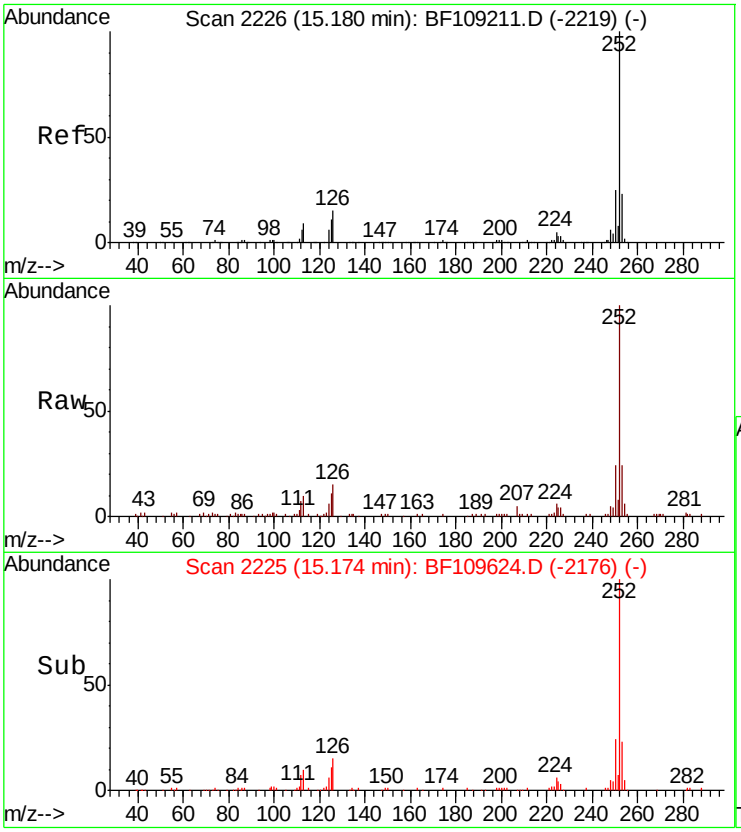


#88
Benzo(k)fluoranthene
Concen: 15.967 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:252 Resp: 171528

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.7	10.2	15.2



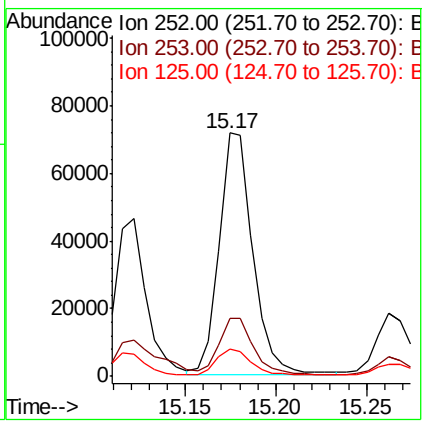


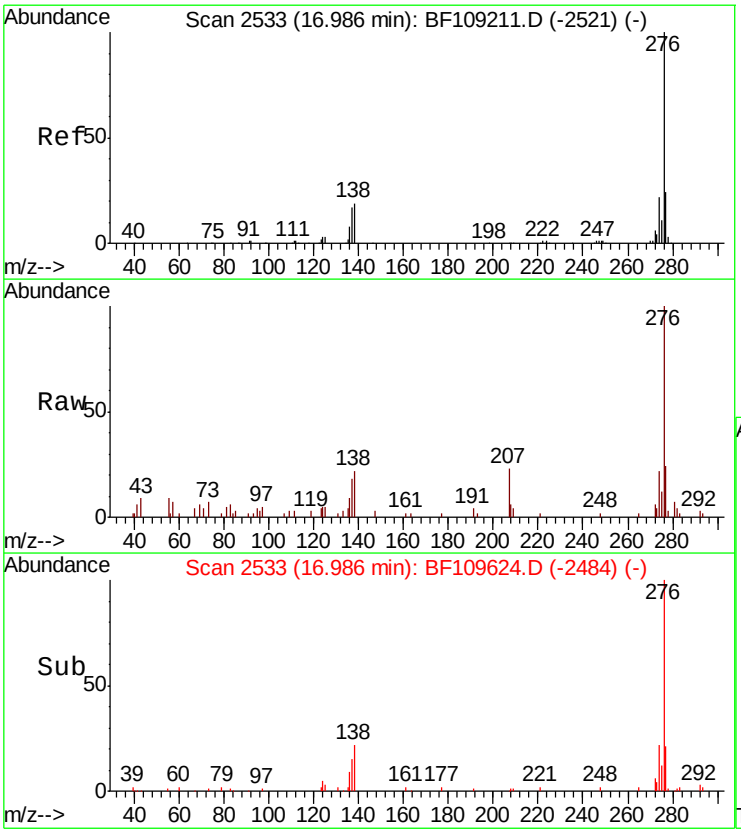
#89
Benzo(a)pyrene
Concen: 9.150 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tgt Ion:252 Resp: 93343

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	11.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.504 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion:276 Resp: 37044

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.7	21.8	32.8#